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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO
10/075,956	02/14/2002	Oliver Meyer	1/1190US	9825
28501 7	590 10/24/2005		EXAMINER	
MICHAEL P. MORRIS BOEHRINGER INGELHEIM CORPORATION			OWENS, AMELIA A	
900 RIDGEBU		ATION	ART UNIT	PAPER NUMBER
P. O. BOX 368		1625		
RIDGEFIELD,	, CT 06877-0368		DATE MAILED: 10/24/2003	5

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)				
	10/075,956	MEYER ET AL.				
Office Action Summary	Examiner	Art Unit				
	Amelia A. Owens	1625				
The MAILING DATE of this communicati						
Period for Reply		•				
A SHORTENED STATUTORY PERIOD FOR WHICHEVER IS LONGER, FROM THE MAIL! - Extensions of time may be available under the provisions of 37 after SIX (6) MONTHS from the mailing date of this communicated. If NO period for reply is specified above, the maximum statutor. - Failure to reply within the set or extended period for reply will, the Any reply received by the Office later than three months after the earned patent term adjustment. See 37 CFR 1.704(b).	NG DATE OF THIS COMMUN CFR 1.136(a). In no event, however, may a tion. y period will apply and will expire SIX (6) MC y statute, cause the application to become A	ICATION. I reply be timely filed INTHS from the mailing date of this communic ABANDONED (35 U.S.C. § 133).				
Status						
1)⊠ Responsive to communication(s) filed or	n <u>25 July 2005</u> .					
· · · · · · · · · · · · · · · · · · ·	☐ This action is non-final.					
3) Since this application is in condition for a	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is					
closed in accordance with the practice u	nder <i>Ex parte Quayle</i> , 1935 C.	D. 11, 453 O.G. 213.				
Disposition of Claims						
4) Claim(s) 1-11 is/are pending in the appli 4a) Of the above claim(s) is/are w 5) Claim(s) is/are allowed. 6) Claim(s) 1-11 is/are rejected. 7) Claim(s) is/are objected to. 8) Claim(s) are subject to restriction	ithdrawn from consideration.		·			
Application Papers						
9) The specification is objected to by the Example 10) The drawing(s) filed on is/are: a) Applicant may not request that any objection Replacement drawing sheet(s) including the 11) The oath or declaration is objected to by	accepted or b) objected to the drawing(s) be held in abeya correction is required if the drawin	ance. See 37 CFR 1.85(a). g(s) is objected to. See 37 CFR 1.1				
Priority under 35 U.S.C. § 119						
12) Acknowledgment is made of a claim for fa a) All b) Some * c) None of: 1. Certified copies of the priority doc 2. Certified copies of the priority doc 3. Copies of the certified copies of the application from the International * See the attached detailed Office action for	uments have been received. uments have been received in ne priority documents have bee Bureau (PCT Rule 17.2(a)).	Application No n received in this National Stage	€			
Attachment(s)	□	O(DTO 440)				
 Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-90) 	Paper No	Summary (PTO-413) o(s)/Mail Date				
Information Disclosure Statement(s) (PTO-1449 or PTO Paper No(s)/Mail Date		Informal Patent Application (PTO-152)				

Application/Control Number: 10/075,956

Art Unit: 1625

DETAILED ACTION

1. Claims 1-11 are pending.

Claim Rejections - 35 USC § 103

2. Claims 1-11 remain rejected under 35 U.S.C. 103(a) as being unpatentable over Turner Erhfeld for the reasons of record.

Appliants remarks have been considered but are not found persuasive. Erhfeld at page 1076 column 1 lines 4-7 teach micromixers used successfully as reaction systems for chemical reactions. The instant process is a chemical reaction to produce 5,6-dihydro-4-hydroxy-6-phenethyl-6-propyl-2H-pyran-2-one. Further, a slurry (according to Hawley's condensed Chemical Dictionary) is a thin watery suspension. Such a compositon would seem perfectly suitable for use in a micromixer which uses narrow channels and thin walls.

The state of the art is that it is well known in the art that residence time is short in microreactors. See Erhfeld page 1075 column 1 last paragraph. No unobvious or unexpected results are noted. No claim is allowed.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Amelia A. Owens whose telephone number is 571-272-0690. The examiner can normally be reached on Monday - Friday from 8:30 - 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Cecilia Tsang can be reached on 571-272-0562. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at §66-217-9197 (toll-free).

Amelia A. Owens Primary Examiner Art Unit 1625